DRY CLEANING – PETROLEUM SOLVENT

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EMISSION INVENTORY SOURCE CATEGORY

Dry Cleaning – Petroleum Solvent
210-200-8150-0000

EMISSION INVENTORY CODES (CES CODES) AND DESCRIPTION

46797 - Dry Cleaning - Petroleum Solvent

METHOD SUMMARY

Petroleum Dry Cleaners were identified through a search of the permit database. Nine sources were identified and surveyed. Only three responded to surveys, despite reminder calls. One source was no longer in operation. The remaining sources were estimated based on most recent inspection reports or permit requirments. See attached form. Density of Stoddard = 6.6 lbs/gal. Solvent purchase was equal to solvent usage. It is assumed that the amount of solvent used was equal to the solvent emitted. The amount of solvent, remaining in the filter cartridges, which was removed for waste disposal was not accounted for in the emission calculation.

ACTIVITY DATA SOURCE: Survey, Inspection Report, or Permit Requirements
EMISSION FACTOR SOURCE:
TEMPORAL ACTIVITY:
    Daily Activity: 10 hours/day
    Weekly Activity: 5 days/week
    Monthly Activity: 52 weeks/year
DATE OF LAST UPDATE: September 25, 1992
GROWTH PARAMETER: Population

EMISSION SUMMARY (1999 - ANNUAL AVERAGE TONS/DAY) RECONCILED

CES#	TOG	ROG	VOC	NOX	SOX	PM	PM10
46797	0.016	0.016	0.016	0.00	0.00	0.00	0.00

NEEDED CLARIFICATIONS/CORRECTIONS TO CURRENT METHOD

Facilities which completed the survey had better estimation of solvent usage. Solvent usage was defined on the survey as amount of solvent consumed. Values from inspection reports assume all solvent purchased was consumed in 1999.

FUTURE PLANS FOR METHOD UPDATE/REVISION

Need to have better response to surveys in future. Recommend possible in person survey.